

FIG. 1 (PRIOR ART)

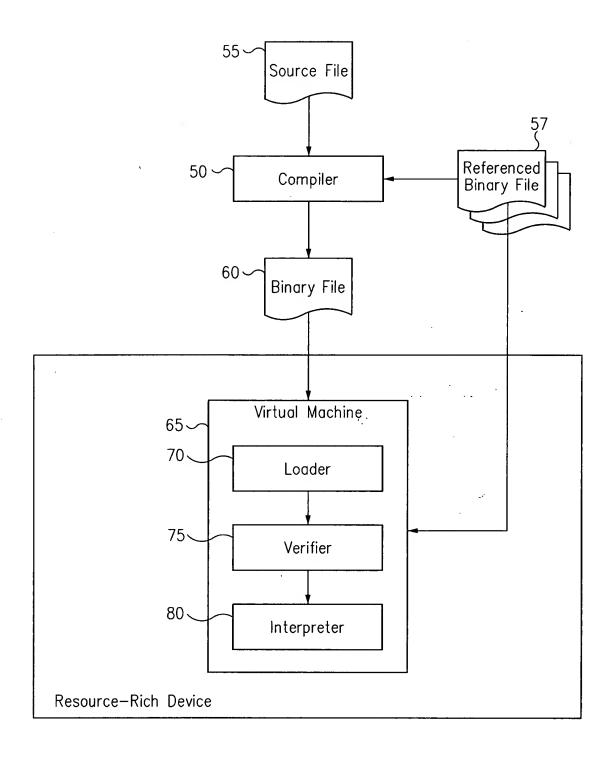


FIG. 2 (PRIOR ART)

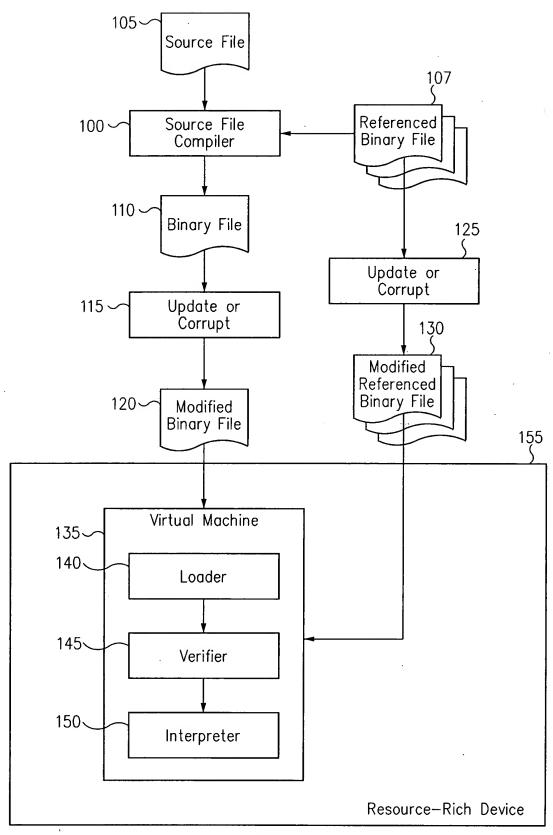


FIG. 3 (PRIOR ART)

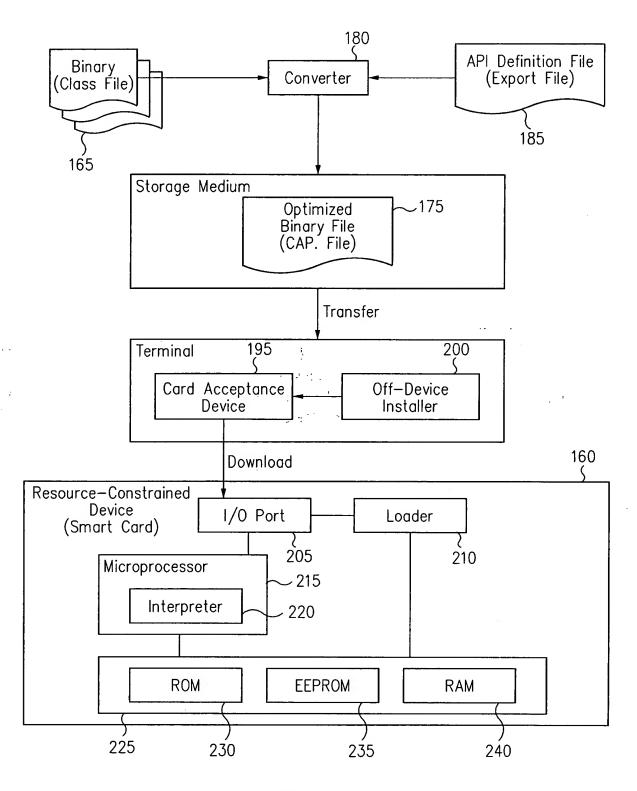


FIG. 4 (PRIOR ART)

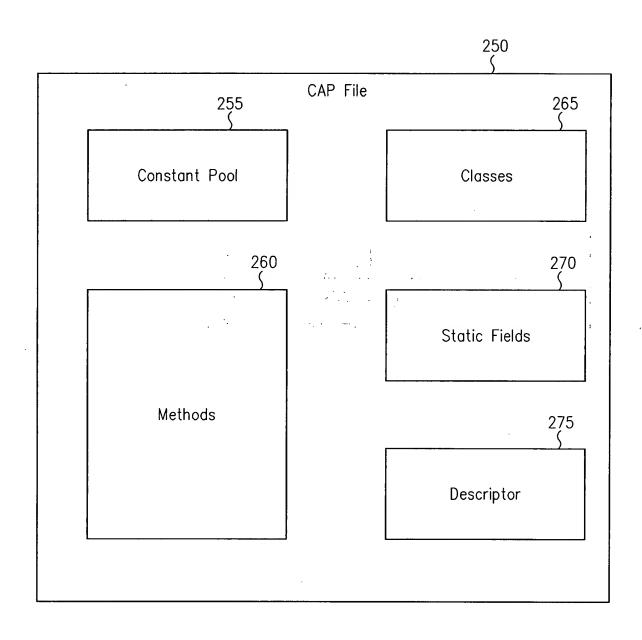


FIG. 5 (PRIOR ART)

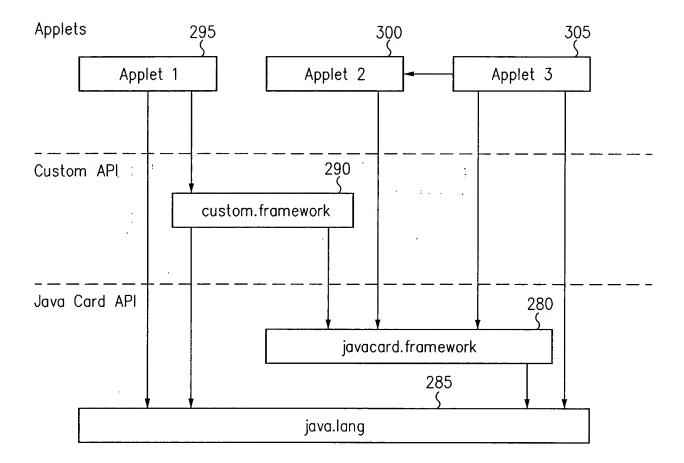


FIG. 6 (PRIOR ART)

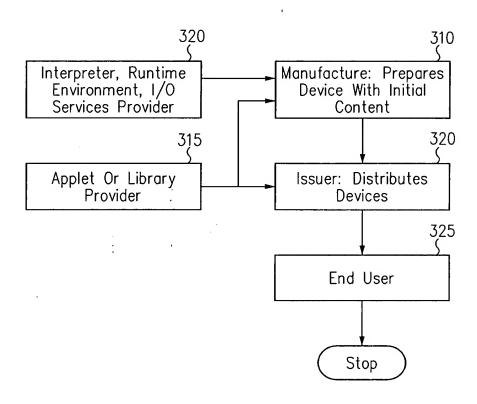


FIG. 7 (PRIOR ART)

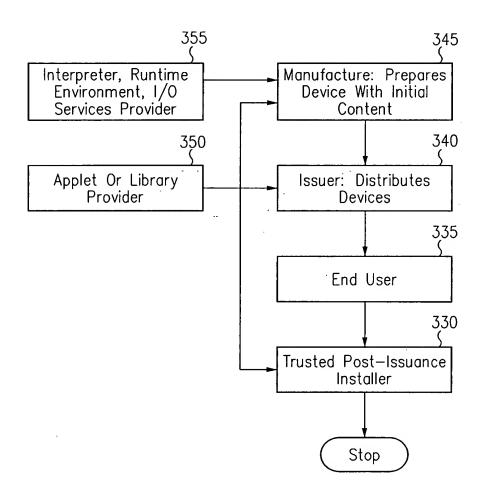


FIG. 8 (PRIOR ART)

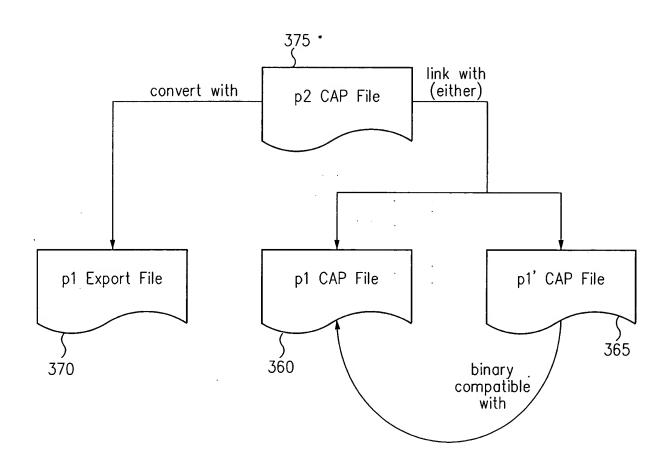
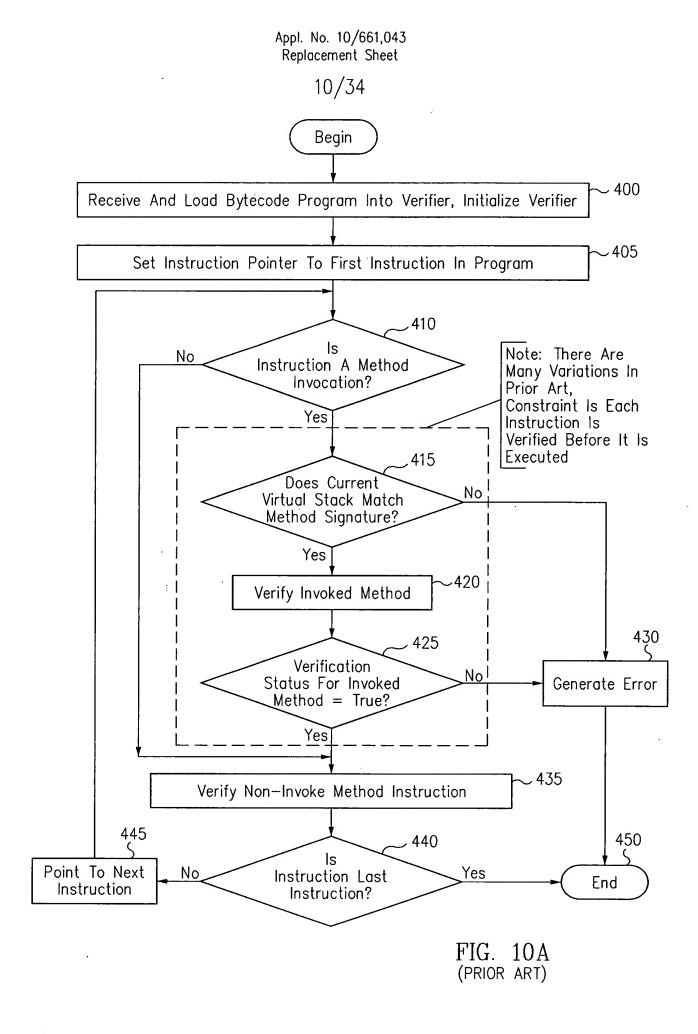


FIG. 9 (PRIOR ART)



```
510
                                                                                515
                                                                 Virtual Stack
package a1; \sim 505
import LO;
                                                             Before
                                                                              Aftér
                                                            560
                               555
class A1 extends Object {
520 void A10 (short s) { } byte ba[] = A11(s);
                                                              int
                       560
            return;
       byte[] A11 (int_i) {
                                                          570
              byte ba[]new byte[i];
              ba[0] = (byte)classL0.L01(this);
              return ba;
                                      540
package L0; \sim 500
                                                         590
public class classL01 {
      public static int LO1 (Object o) {
                                                         ref: Object
              int i; \sim 595
                                                              int
                                                                              float
       585 ~
              return i;
                          550
      private static float LO2 (int i,Object o) {
              float f; \sim 605
              return f; \sim 600
```

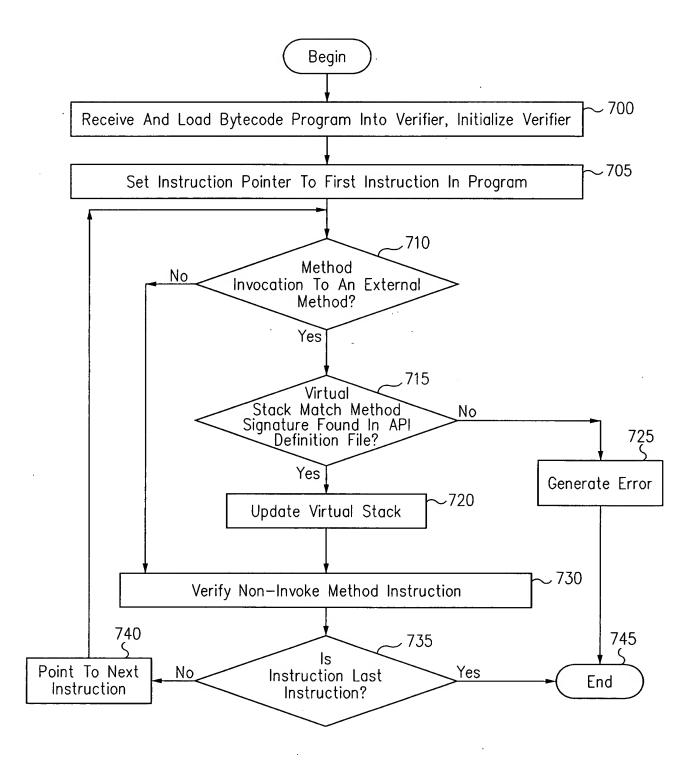


FIG. 10C

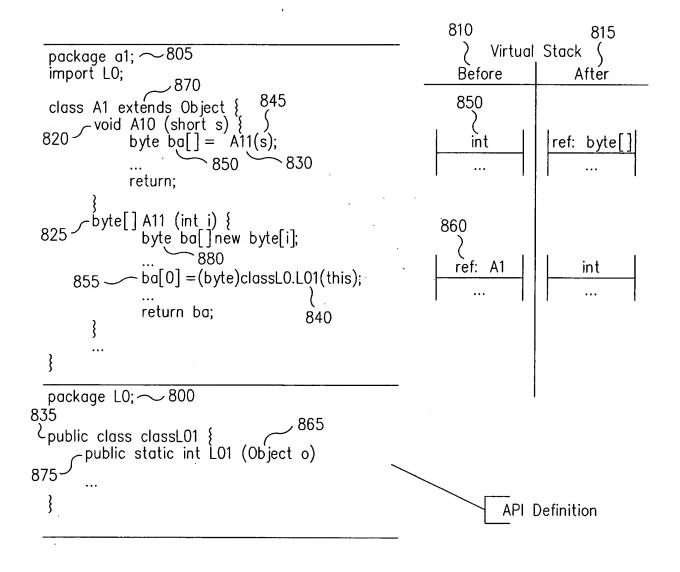


FIG. 10D

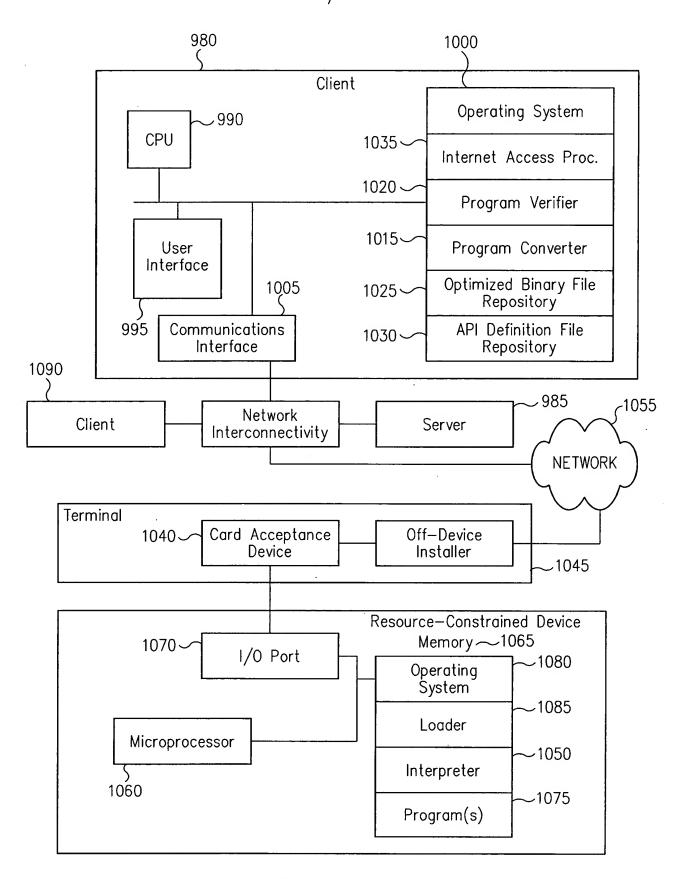


FIG. 11A

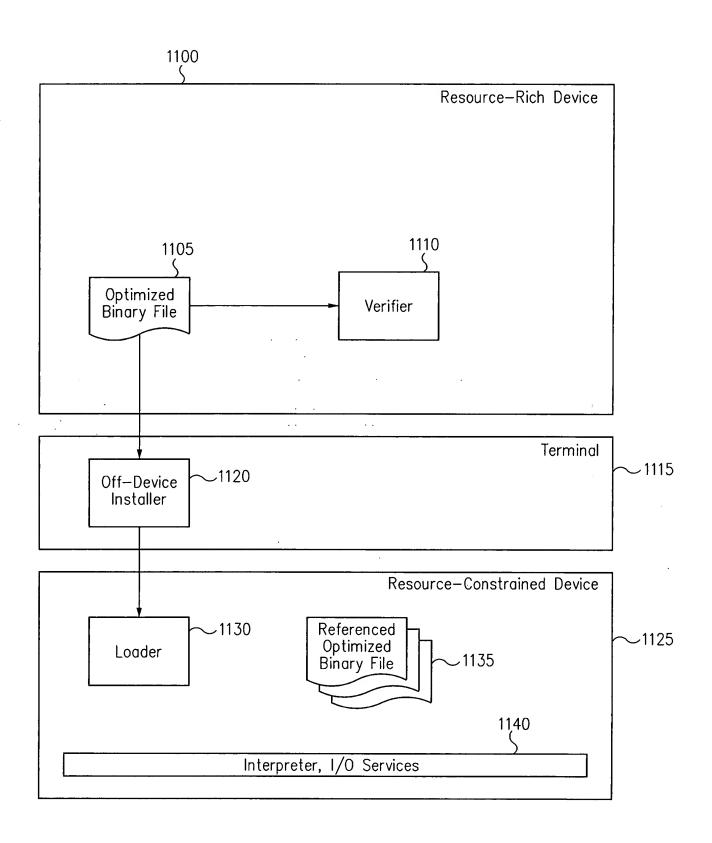


FIG. 11B

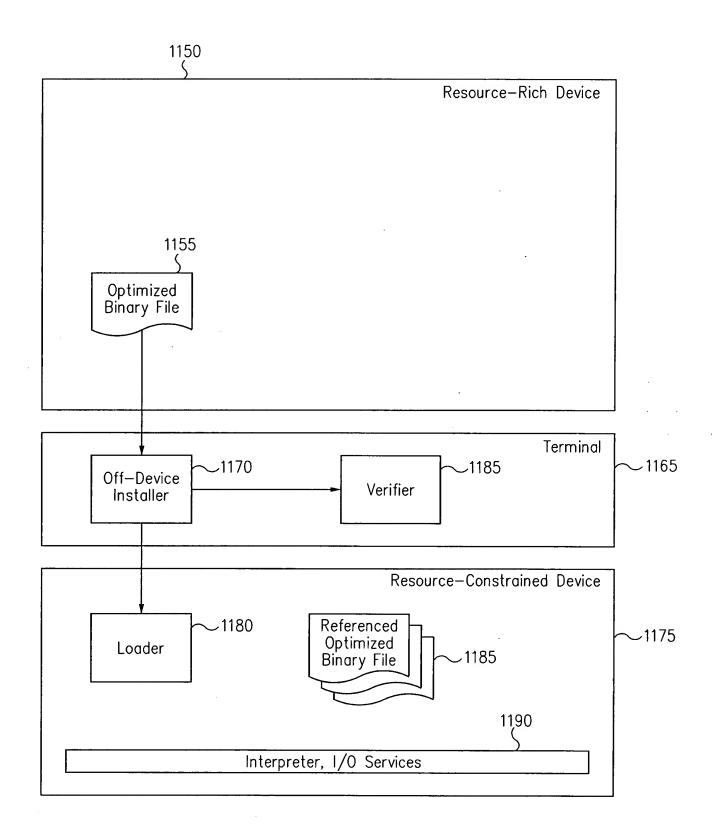


FIG. 11C

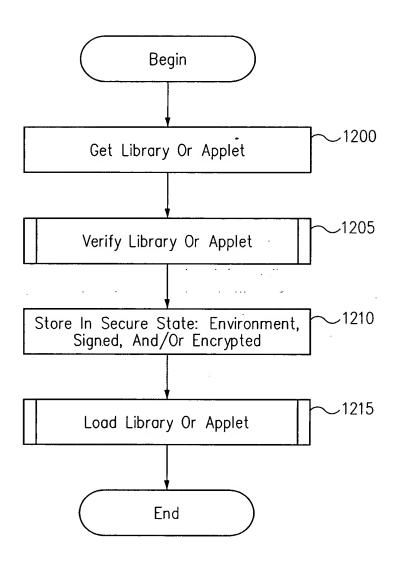


FIG. 12

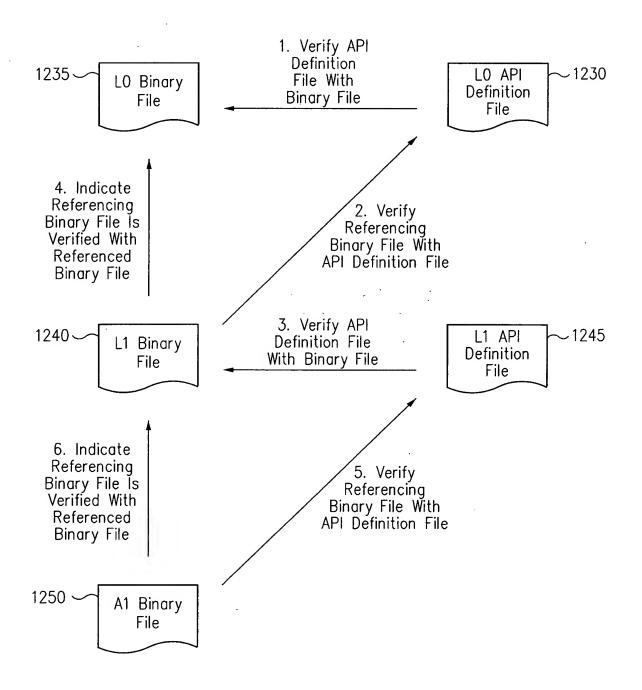


FIG. 13A

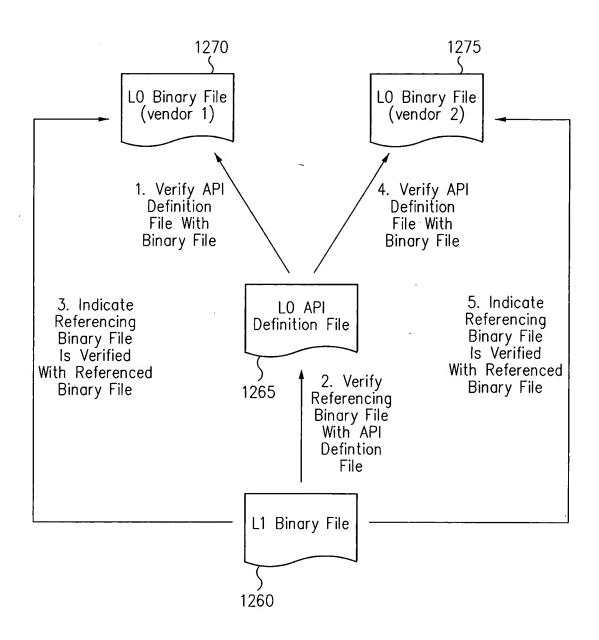
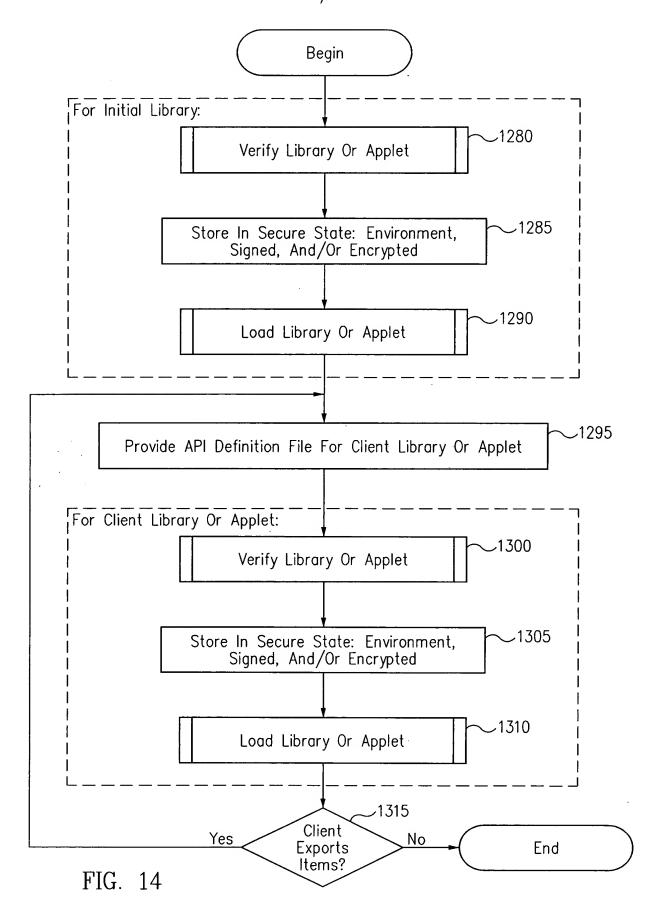


FIG. 13B

20/34



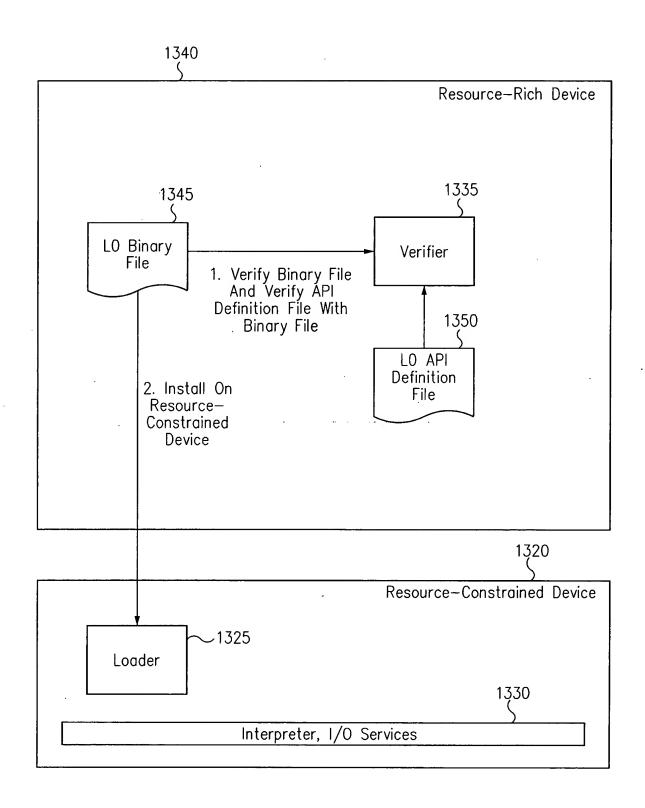


FIG. 15A

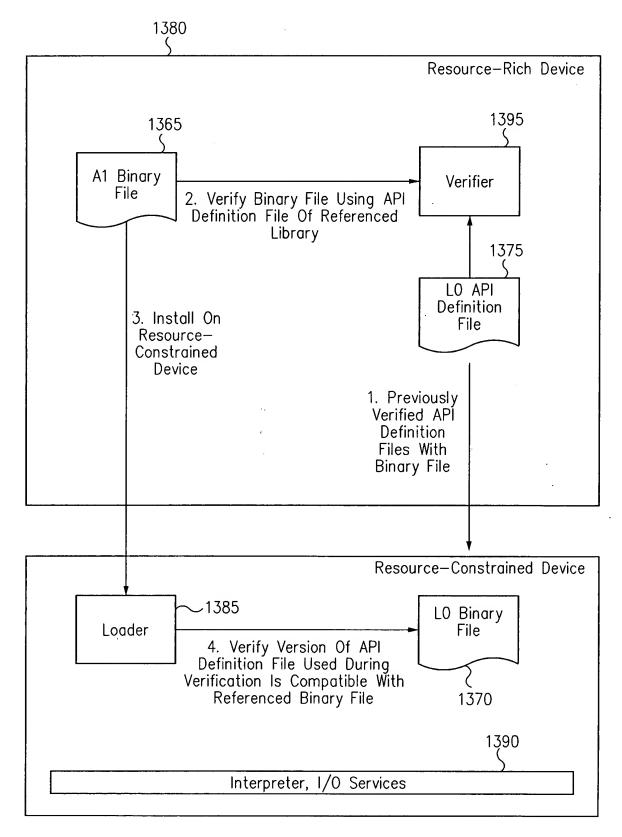


FIG. 15B

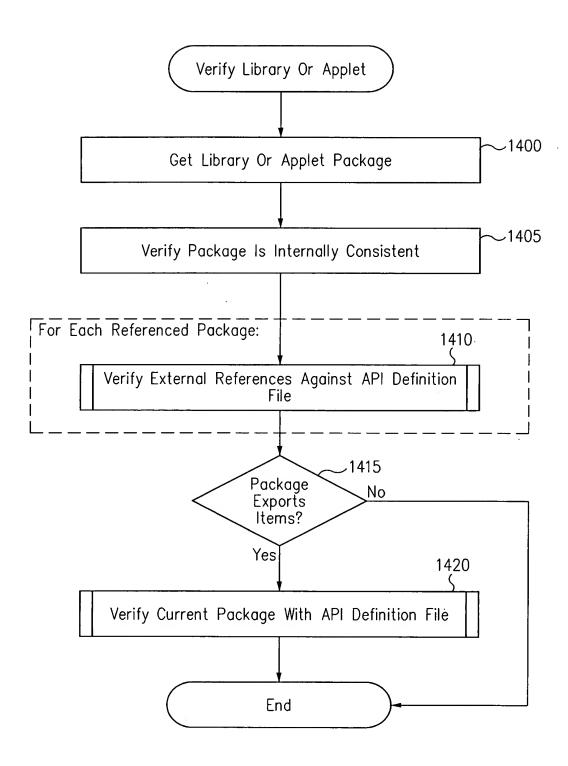


FIG. 16

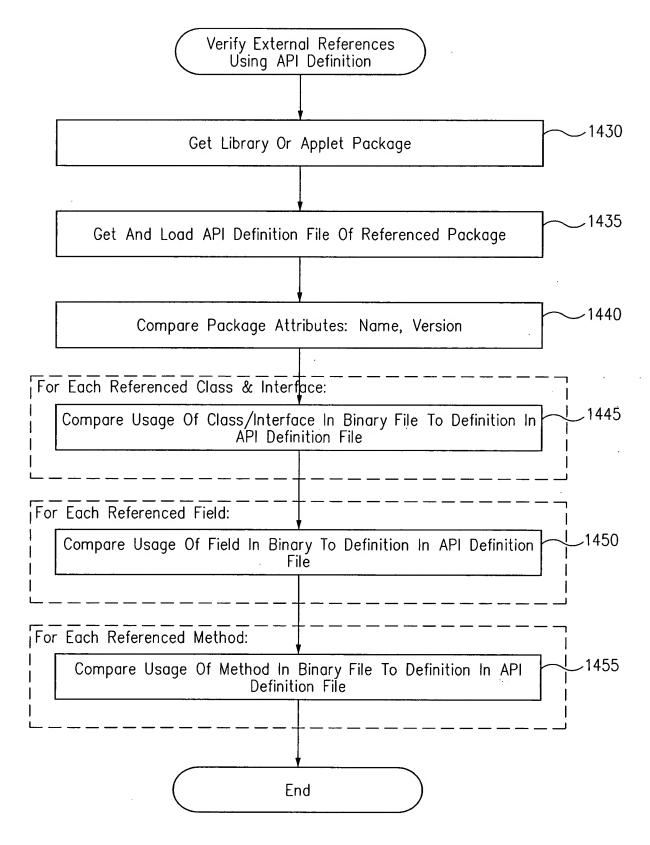


FIG. 17

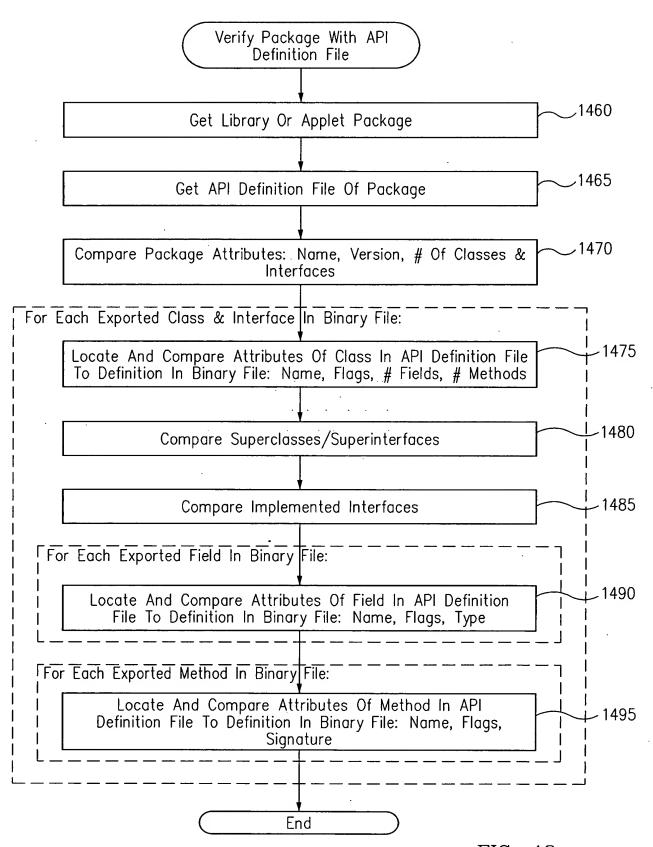


FIG. 18

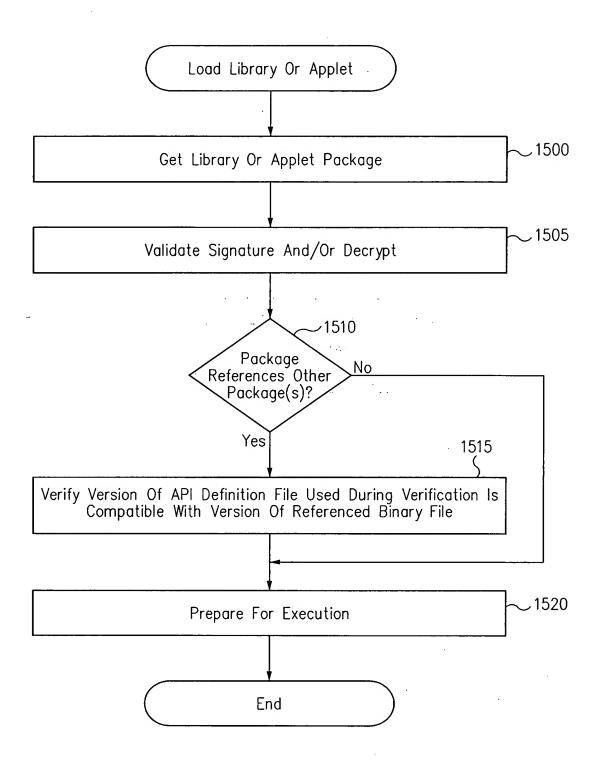


FIG. 19

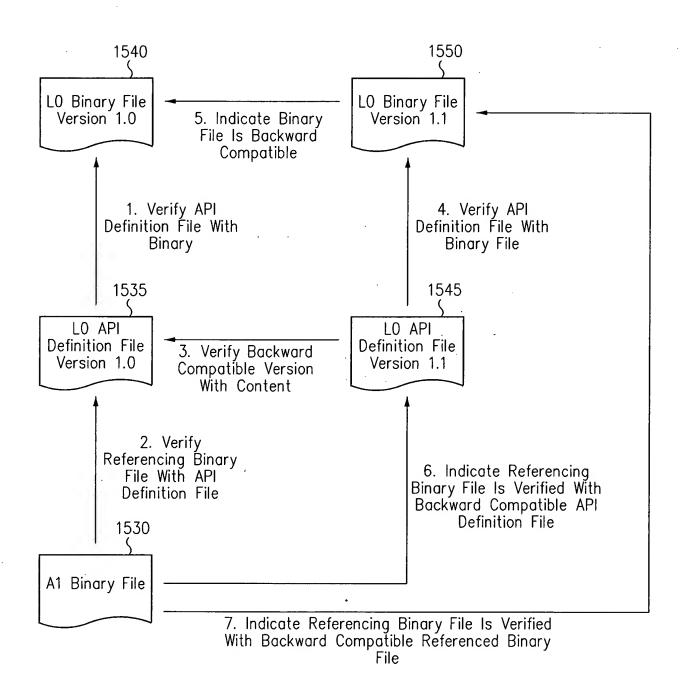


FIG. 20A

28/34

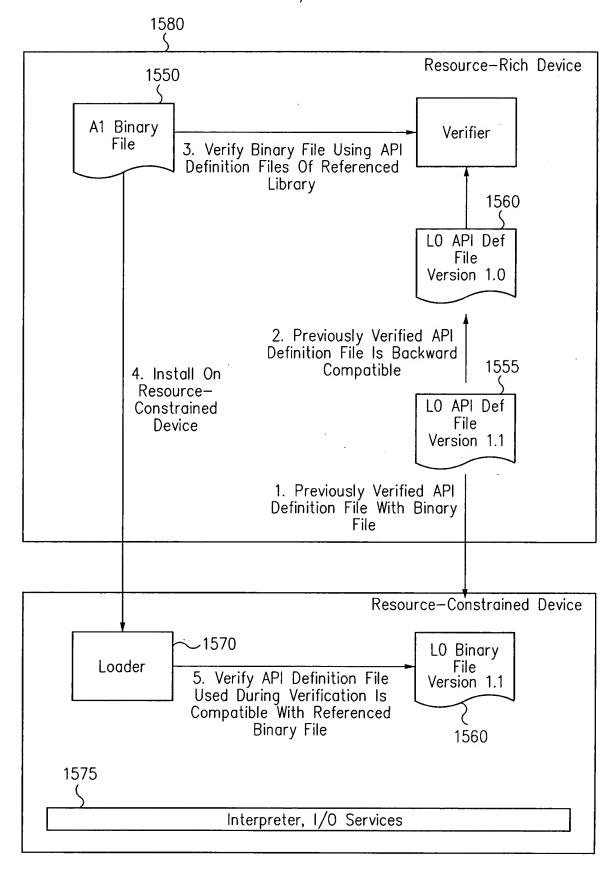


FIG. 20B

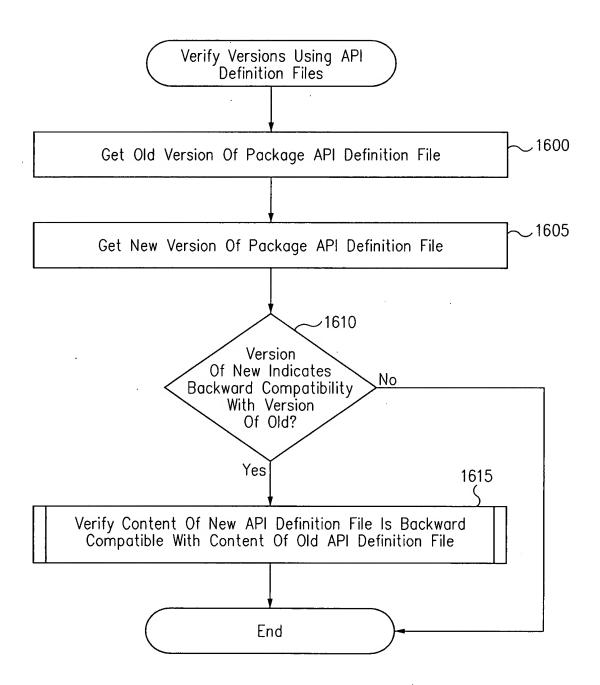


FIG. 20C

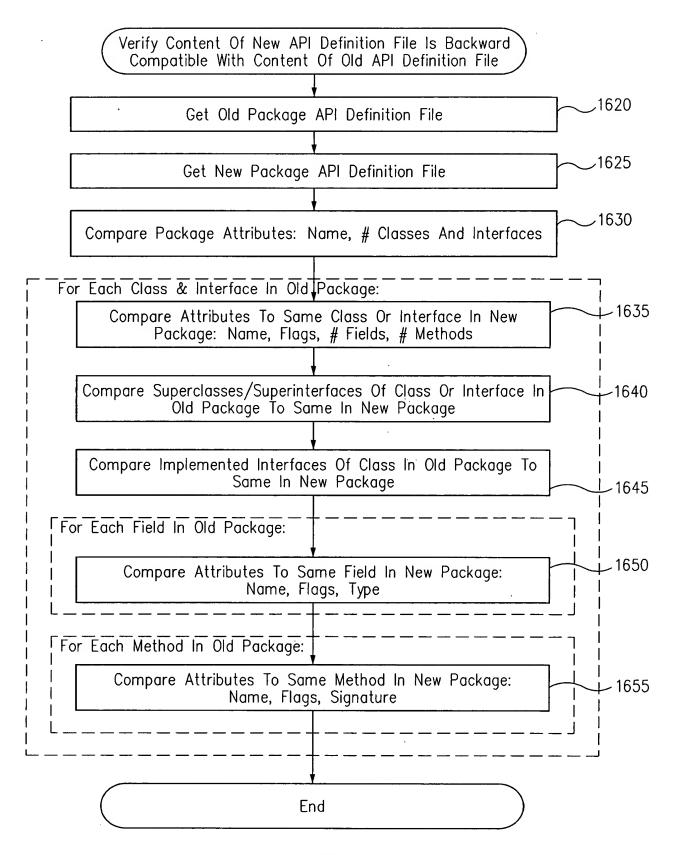


FIG. 20D

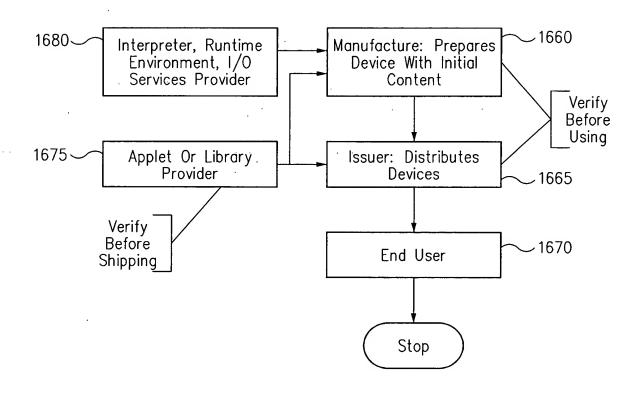


FIG. 21A

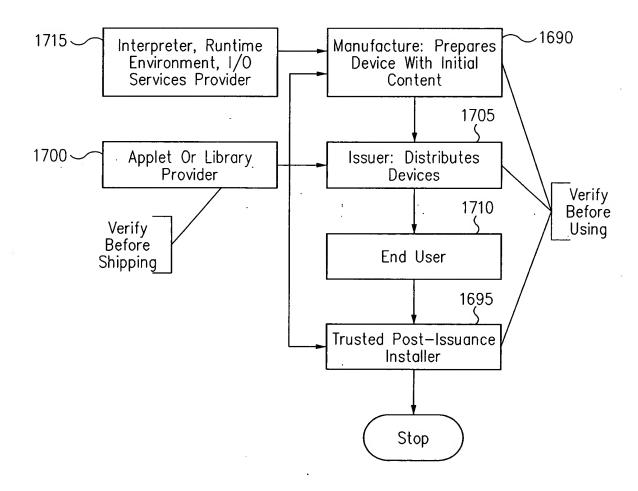


FIG. 21B

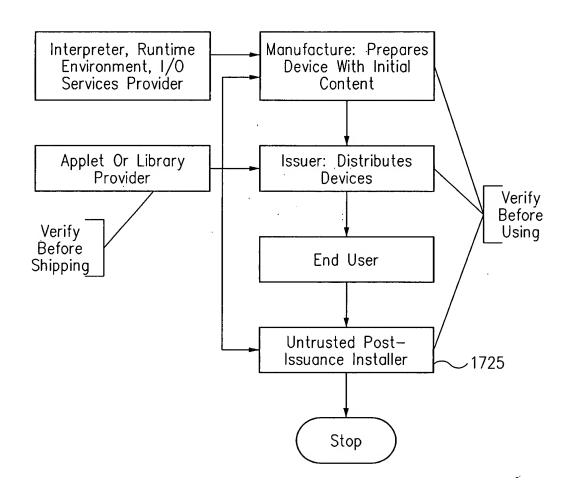


FIG. 21C

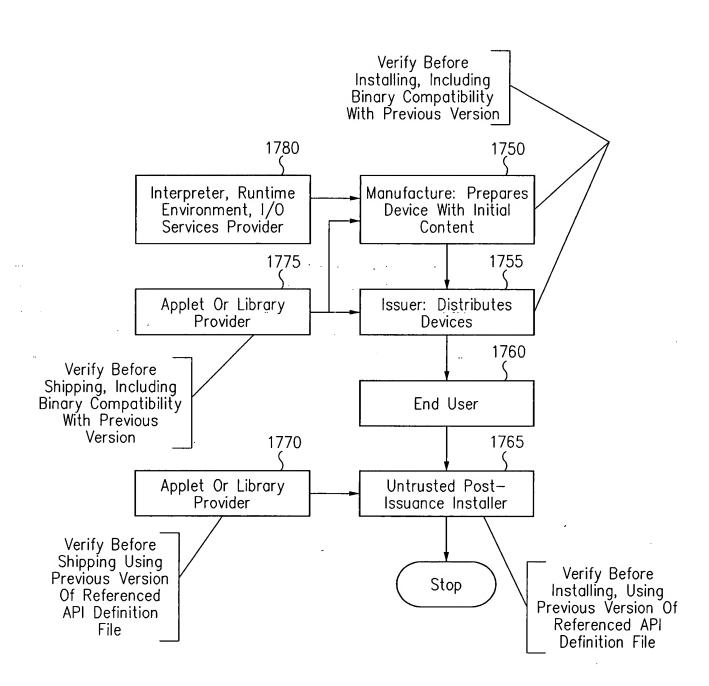


FIG. 21D